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February 24, 2017

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 Twelfth Street, SW
Washington, DC 20554

Re: *Ex Parte* Notification IB Docket Nos. 11-109 and 12-340; and IBFS File Nos. SES-MOD-20151231-00981, SAT-MOD-20151231-00090 and SAT-MOD-20151231-00091

Dear Ms. Dortch::

Pursuant to Section 1.1206 of the Commission's rules, this is to notify the Commission that Valerie Green of Ligado Networks, Inc. ("Ligado"), Harold Furchtgott-Roth of Furchtgott-Roth Economic Enterprises, and the undersigned met with Daudeline Meme, Legal Advisor to Commissioner Mignon Clyburn, on February 22, 2017 to discuss issues raised in the above-referenced dockets. Our discussion is summarized below.

We first explained that Ligado is eager to put its 40 megahertz of spectrum into the hands of American consumers. Specifically, Ligado is focused on constructing an Internet of Things 5G network that would offer services to critical infrastructure industries such as rail, trucking and aviation. Ligado envisions combining its dense terrestrial network capacity with the ubiquitous coverage afforded by our satellites, to provide end users a highly reliable, robust and secure offering.

With respect to the pending applications for license modification, we began by reporting that Ligado worked extensively with the Federal Aviation Administration ("FAA") to identify and resolve concerns from the aviation community and to develop an approach that is safety-focused and complies with all applicable FAA standards.

Next, we reported that the National Advanced Spectrum and Communications Test Network (NASCTN) has completed a study, *The Impacts of LTE Signals on GPS Receivers*, as proposed by Ligado Networks in April 2016, and released its results on February 15, 2017. We explained that NASCTN investigated the effect of Long Term Evolution signals on Global Positioning System ("GPS") devices that operate in the GPS L1 frequency band and performed radiated radio-frequency measurements on a representative set of GPS devices in order to validate the test methodology. We further explained that the NASCTN data, along with the prior body of research and the numerous agreements between GPS manufacturers and Ligado provide overwhelming evidence that GPS and Ligado can coexist.

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We also explained that both Ligado and Iridium Communications, Inc. ("Iridium") have provided the Commission with extensive technical information pertaining to the pending applications for license modification. We confirmed that Ligado and Iridium are working closely to discuss and resolve Iridium's concerns.

Finally, with respect to opening the 1675-1680 MHz band, we asked that the Commission consider a notice of proposed rulemaking as soon as possible.

Please contact me directly with questions related to this notification.

Sincerely,

A handwritten signature in blue ink, appearing to read "Angela E. Giancarlo", with a long, sweeping horizontal line extending to the right.

Angela E. Giancarlo